Amendments to the Claims:

This listing of claims replaces all prior versions of the claims in the patent application:

1. (Currently amended) A method for providing a user interface for controlling devices that are currently connected to a network, the method comprising the steps of, for one or more of said devices:

(a) obtaining device information from devices currently connected to the network;

(b) generating a user interface based at least on the obtained information, the user interface including at least one reference associated with the device information in each of said devices currently connected to the network;

(c) displaying said user interface on one or more devices connected to the network capable of displaying a user interface, for user control of said devices that are currently connected to the network; and

(d) in response to selection of the reference, using the reference to access the device and display ~~displaying~~ a control interface including device data using associated information of said device corresponding to the reference in the user interface.

Claim 2 (Canceled).

Claim 3 (Canceled).

4. (Previously presented) The method of claim 1, wherein said information in each device comprises an HTML page contained in that device.

5. (Previously presented) The method of claim 1, wherein the step of displaying the user interface further comprises the steps of: displaying the user interface on a browser on said one or more devices capable of displaying a user interface.

6. (Previously presented) The method of claim 1, further comprising the steps of:

connecting at least one client device to the network capable of displaying a user interface; and

displaying a user interface on the client device for controlling devices that are currently connected to the network.

7. (Previously presented) The method of claim 1 wherein:

the device information in each device further includes a user control interface description for user interaction with the device; and

step (d) further includes the steps of upon detecting user selection of a device from the user interface, accessing and then displaying the control interface description in the corresponding device for user command and control of the device.

8. (Previously presented) The method of claim 1, wherein the step (b) further includes the steps of generating each user interface such that the reference in that user interface provides access to at least the information in each corresponding device.

9. (Previously presented) The method of claim 1, wherein the step (b) further includes the steps of generating each user interface such that the user interface further includes device data corresponding to each device based on the information obtained from each device.

10. (Original) The method of claim 1, wherein the device information in each device includes device identification information.

11. (Original) The method of claim 1, wherein the device information in each device includes a user control interface description for user interaction with the device.

12. (Previously presented) The method of claim 11, wherein:

step (b) further includes the steps of generating each user interface such that each reference in that user interface is to at least the user control interface description in each corresponding device; and

step (d) further includes the steps of, detecting user selection of a device from one of said user interfaces, and using a reference in the user interface of the selected device to access

the control interface description in the device and then display the control interface description as a control user interface for user command and control of the device.

13. (Previously presented) The method of claim 11, wherein the step (b) further includes the steps of generating each user interface wherein that user interface further includes device data corresponding to each device based on the information obtained from each device, the device data providing reference to the user control interface description in each device.

14. (Previously presented) A network system for performing a service, comprising:

a physical layer, wherein the physical layer provides a communication medium that can be used by devices to communicate with each other;

one or more devices connected to the physical layer, each device storing information including device information;

an agent in each of one or more devices, adapted for:

(a) obtaining device information from devices currently connected to the network;

(b) generating a user interface based at least on the obtained information, the user interface including at least one reference associated with the device information in each of said devices currently connected to the network; ~~and~~

(c) displaying said user interface on one or more devices connected to the network capable of displaying a user interface, for user control of said devices

that are currently connected to the network; and

(d) in response to selection of the reference, displaying a control interface including device data using associated information of said device corresponding to the reference in the user interface.

Claim 15 (Canceled).

Claim 16 (Canceled).

17. (Original) The system of claim 14, wherein said information in each device comprises an HTML page contained in that device.

18. (Previously presented) The system of claim 14, wherein each agent is further adapted for displaying a user interface by: displaying the user interface on a browser on said one or more devices capable of displaying a user interface.

19. (Previously presented) The system of claim 14, further comprising at least one client device connected to the network capable of displaying a user interface; and

one or more agents are further adapted for displaying a user interface on the client device, for controlling devices that are currently connected to the network.

20. (Previously presented) The system of claim 14, wherein at least one of the devices currently connected to the network is capable of displaying a user interface, and one or more agents are further adapted for: displaying a user interface on said at least one device, for controlling devices that are currently connected to the network.

21. (Previously presented) The system of claim 14, wherein each agent is further adapted for generating each user interface such that the reference in that user interface provides access to at least the information in each corresponding device.

22. (Previously presented) The system of claim 14, wherein each agent is further adapted for generating each user interface such that the user interface further includes device data corresponding to each device based on the information obtained from each device.

23. (Original) The system of claim 14, wherein the device information in each device includes device identification information.

24. (Original) The system of claim 14, wherein the device information in each device includes a user control interface description for user interaction with the device.

25. (Previously presented) The system of claim 24, wherein each agent is further adapted for generating each user interface such that each reference in that user interface is to at

least the user control interface description in each corresponding device, and upon detecting user selection of a device from one of said user interfaces, the agent uses a reference in the user interface of the selected device to access the control interface description in the device and then display the control interface description as a control user interface for user command and control of the device.

26. (Previously presented) The system of claim 24, wherein each agent is further adapted for generating each user interface wherein that user interface further includes device data corresponding to each device based on the information obtained from each device, the device data providing reference to the user control interface description in each device.

27. (Previously presented) A network system for performing a service, comprising:

a physical layer, wherein the physical layer provides a communication medium that can be used by devices to communicate with each other;

multiple devices connected to the physical layer, one or more of said multiple devices storing information including device information, and a plurality of said multiple devices each including an agent adapted for:

(a) obtaining device information from devices currently connected to the network;

(b) generating a user interface based at least on the obtained information, the user interface including at least one reference associated with the

device information in each of said devices currently connected to the network;

(c) displaying said user interface on one or more devices connected to the network capable of displaying a user interface, for user control of said devices that are currently connected to the network; and

(d) in response to selection of the reference, displaying a control interface including device data using associated information of said device corresponding to the reference in the user interface.

Claim 28 (Canceled).

Claim 29 (Canceled).

30. (Original) The system of claim 27, wherein said information in each device comprises an HTML page contained in that device.

31. (Previously presented) The system of claim 27, wherein each agent is further adapted for displaying a user interface by: displaying the user interface on a browser on said one or more devices capable of displaying a user interface.

32. (Previously presented) The system of claim 27, further comprising at least one client device connected to the network capable of displaying a user interface; and

one or more agents are further adapted for displaying a user interface on the client device, for controlling devices that are currently connected to the network.

33. (Previously presented) The system of claim 27, wherein at least one of said devices currently connected to the network is capable of displaying a user interface, and one or more agents are further adapted for: displaying a user interface on said at least one device for controlling devices that are currently connected to the network.

34. (Previously presented) The system of claim 27, wherein each agent is further adapted for generating each user interface such that the reference in that user interface provides access to at least the information in each corresponding device.

35. (Previously presented) The system of claim 27, wherein each agent the step (b) further adapted for generating each user interface such that the user interface further includes device data corresponding to each device based on the information obtained from each device.

36. (Original) The system of claim 27, wherein the device information in each device includes device identification information.

37. (Original) The system of claim 27, wherein the device information in each device includes a user control interface description for user interaction with the device.

38. (Previously presented) The system of claim 37, wherein each agent is further adapted for generating each user interface such that each reference in that user interface is to at least the user control interface description in each corresponding device, and upon detecting user selection of a device from one of said user interfaces, the agent uses a reference in the user interface of the selected device to access the control interface description in the device and then display the control interface description as a control user interface for user command and control of the device.

39. (Previously presented) The system of claim 37, wherein each agent is further adapted for generating each user interface wherein that user interface further includes device data corresponding to each device based on the information obtained from each device, the device data providing reference to the user control interface description in each device.

40. (Previously presented) The method of claim 1, wherein the step of displaying the control interface comprises the steps of:

obtaining the associated information of said device in response to the selection of the reference;

generating the control interface including the device data corresponding to said device using the associated information; and

displaying the control interface on one or more devices connected to the network

capable of displaying a user interface.

41. (Previously presented) A method for displaying a user interface for controlling devices that are currently connected to a network, comprising the steps of:

(a) obtaining device information from devices currently connected to the network;

(b) generating a user interface based at least on the obtained information, the user interface including at least one reference associated with the device information in each of said devices currently connected to the network;

(c) displaying said user interface for user control of said devices that are currently connected to the network; and

(d) in response to selection of the reference, displaying a control interface including device data using associated information of said device corresponding to the reference in the user interface.

42. (Currently amended) The method of claim [[1]] 41, wherein the step of displaying the control interface comprises the steps of:

obtaining the associated information of said device in response to the selection of the reference;

generating the control interface including the device data corresponding to said device using the associated information; and

displaying the control interface.

43. (Previously presented) The system of claim 14, wherein each agent is further configured for displaying the control interface by:

obtaining the associated information of said device in response to the selection of the reference;

generating the control interface including the device data corresponding to said device using the associated information; and

displaying the control interface on one or more devices connected to the network capable of displaying a user interface.

44. (Previously presented) The system of claim 27, wherein each agent is further configured for displaying the control interface by:

obtaining the associated information of said device in response to the selection of the reference;

generating the control interface including the device data corresponding to said device using the associated information; and

displaying the control interface on one or more devices connected to the network capable of displaying a user interface.